



POC

Products of
Conception
by **Igenomix**[®]

Helping to
identify the
cause of
miscarriage

Igenomix[®]
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50%

**of miscarriages
in the first
trimester
are caused by
chromosomal
abnormalities**

If you have experienced one or more miscarriages, you may be wondering, why?

Unfortunately, miscarriages in the first trimester of pregnancy are common. In about 50% (1 in 2) of cases, the cells of the developing baby (the foetal cells) contain a chromosome abnormality. This figure increases to more than 60% in women having assisted reproductive treatment.

Chromosomes are the structures that hold our genetic information (DNA). Usually, we have 23 pairs of chromosomes (46 chromosomes in total); one chromosome in each pair comes from our biological mother and the other comes from our biological father. If foetal cells have extra or missing chromosome material (for example, a whole extra chromosome or a missing chromosome - or part of a chromosome), this can lead to miscarriage.

Products of Conception (**POC**) testing analyses foetal tissue to see if any chromosome abnormalities are present that may have contributed to the miscarriage.

(Martinez et al., 2010; Campos-Galindo et al., 2012)



Benefits of our POC test

- **Reliable:** Results are obtained in 99%¹ of cases, the 86.4% of foetal origin.
- **Fast:** Results in 15 working days.
- **Rules out maternal contamination:** a blood or saliva sample from the mother verifies that the analysed material is foetal in origin.

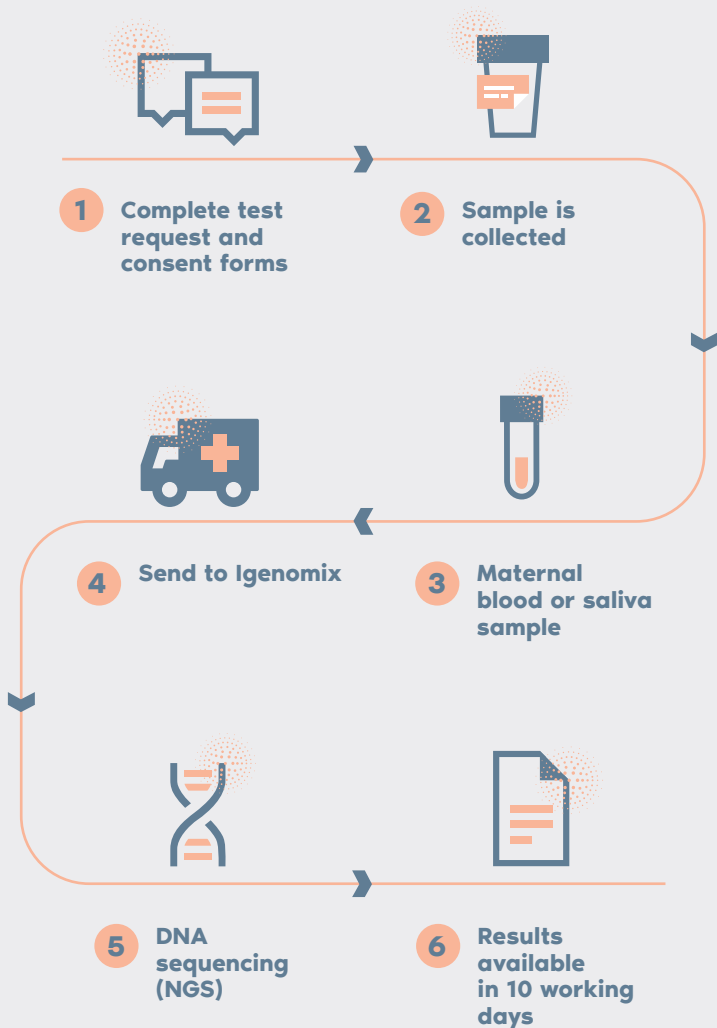
The **POC** test may provide the cause of miscarriage, which may be helpful in planning future pregnancies.



(1): Internal data

(2): Robberecht, et al. Prenat Diagn, 2012

Test procedure





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